

---

**COMBINED DECLARATION and POWER OF ATTORNEY**

---

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION<sup>2</sup>**

SYSTEM AND METHOD FOR VISUALIZING CONDUCTIVITY AND CURRENT  
DENSITY DISTRIBUTION IN OBJECT

**SPECIFICATION IDENTIFICATION**

the specification of which is attached hereto unless the following box is checked:

- ☒ [X] the specification of which was filed on November 23, 2004, as United States Patent Application Serial No. or PCT International Application No. PCT/KR04/03026 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

**FOREIGN PRIORITY CLAIM**

I hereby claim foreign priority benefits under Title 35 U.S.C. § 119(a)-(d) or (f) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application(s) which designated at least one country other than the United States of America listed below and have also identified, by checking the box, any foreign application(s) for patent or inventor's certificate or any PCT international application(s) having a filing date before that of the application(s) on which priority is claimed.

*Note: If this U.S. application is the national stage of a PCT International Application claiming priority to a non-U.S. application, enter the non-U.S. priority details below, and make the priority claim.*

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER § 119 or § 365	
KR	P 2003-0083963	25-11-2003	<input checked="" type="checkbox"/> YES	NO <input type="checkbox"/>
KR	P 2004-0001993	12-01-2004	<input checked="" type="checkbox"/> YES	NO <input type="checkbox"/>
KR	P 2004-0079238	05-10-2004	<input checked="" type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>

### POWER OF ATTORNEY

I hereby appoint as my attorneys and/or patent agents all attorneys and/or patent agents listed under the following Customer Number, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**022913**

U.S. PATENT & TRADEMARK OFFICE  
CUSTOMER NUMBER

All correspondence and telephonic communications should be directed to:

R. BURNS ISRAELSEN  
Registration No. 42,685  
Telephone (801) 533-9800  
Facsimile (801) 328-1707  
bisraelsen@wnlaw.com

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)<sup>3</sup>

NOTE: Carefully indicate the family (or last) name, as it should appear on the filing receipt and all other documents.

Full name of sole or first joint inventor

Eung JeWOO

(GIVEN NAME)

(MIDDLE INITIAL OR NAME - IF ANY)

FAMILY (OR LAST NAME)

Inventor's signature Eung Je WooDate 08/21/2006Country of Citizenship KoreaResidence Seongnam-siKorea

(city)

(State or Country)

Mailing Address Samick Villa 106-104, Gumi-dong 121, Bundang-gu, Seongnam-si Gyeonggi-Do, Korea

Full name of second joint inventor, if any

Jin KeunSEO

(GIVEN NAME)

(MIDDLE INITIAL OR NAME - IF ANY)

FAMILY (OR LAST NAME)

Inventor's signature Jin Keun SeoDate 08/02/2006Country of Citizenship KoreaResidence SeoulKorea

(city)

(State or Country)

Mailing Address Samhogarden Mansion Ra-308, Banpo-dong 30-18, Seocho-gu, Seoul, Korea

Full name of third joint inventor, if any

Oh InKWON

(GIVEN NAME)

(MIDDLE INITIAL OR NAME - IF ANY)

FAMILY (OR LAST NAME)

Inventor's signature Oh In KwonDate 08/02/2006Country of Citizenship KoreaResidence SeoulKorea

(city)

(State or Country)

Mailing Address Hanshin-Chunggu APT., 112-1502, Mok 6-dong, Yangcheon-gu, Seoul, Korea

Full name of fourth joint inventor, if any

Tae SeongKIM

(GIVEN NAME)

(MIDDLE INITIAL OR NAME - IF ANY)

FAMILY (OR LAST NAME)

Inventor's signature Tae Seong KimDate 08/02/2006Country of Citizenship KoreaResidence YonginKorea

(city)

(State or Country)

Mailing Address KyungHee University, 1 Seochun, Kiheung, Yongin, Kyungki-do, Yongin, Korea

Full name of fifth joint inventor, if any

Byung Il LEE  
(GIVEN NAME) (MIDDLE INITIAL OR NAME - IF ANY) FAMILY (OR LAST NAME)  
Inventor's signature [Signature]  
Date 2006.08.02 Country of Citizenship Korea  
Residence Yongin Korea  
(city) (State or Country)  
Mailing Address KyungHee University, 1 Seochun, Kiheung, Yongin, Kyungki-do, Yongin,  
Korea

Full name of sixth joint inventor, if any

Suk Ho LEE  
(GIVEN NAME) (MIDDLE INITIAL OR NAME - IF ANY) FAMILY (OR LAST NAME)  
Inventor's signature [Signature]  
Date 2006.08.02 Country of Citizenship Korea  
Residence Seoul Korea  
(city) (State or Country)  
Mailing Address Department of Mathematics, Yonsei University, Seoul, Korea